

## CLAIMS: .

1. Method of recording a set of data (52) having certain storage requirements on a storage medium (26) using a general medium storage handling scheme (OS) and comprising the steps of:

5 obtaining information about the free available storage area of the storage medium,  
identifying at least one available space of the storage medium that corresponds to requirements for the set of data,  
ordering that an area be reserved, if the handling scheme is arranged to write data in at least one other space before the identified available space, which area corresponds  
10 to said other space for dummy storage data (50), and  
thereafter, ordering the storing of the set of data (52), such that the scheme places the set of data in the identified available space.

2. Method according to claim 1, further comprising the step of ordering the  
15 removal of the reservation for the dummy storage data once the set of data has been written.

3. Method according to claim 1, wherein the area to be reserved for said dummy storage data is equal to the whole other space before the identified available space of the free available storage area.

20 4. Method according to claim 1, further comprising the step of identifying the medium storage handling scheme used, and the step of ordering reserving space comprises ordering reserving space for dummy storage data sized according to the medium storage handling scheme.

25 5. Method according to claim 4, wherein the step of identifying the medium storage handling scheme comprises ordering reserving space for initial dummy data, obtaining information of changes of the free available storage area after the reservation and, thereafter, removing the reservation for the initial dummy data.

6. Method according to claim 1, wherein the set of data includes multimedia data according to a multimedia standard.

5 7. Method according to claim 6, wherein the standard is the Blu-ray disc standard.

8. Method according to claim 1, wherein the storage medium is an optical disc (26).

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9. Device (10) for recording a set of data (52) having certain storage requirements on a storage medium (26) and comprising:

a general storage medium handling unit (18, 20, OS) arranged to control the reading and writing on the storage medium, and

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an application unit (A) for reading and writing data of a specific application format on the storage medium,

wherein the application unit is arranged to:

obtain information about the free available storage area of the storage medium via the general storage medium handling unit,

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identify at least one available space of the storage medium that corresponds to requirements for the set of data,

order the handling unit to reserve an area, if the handling unit is arranged to write data in at least one other space before the identified available space, which area corresponds to said other space for dummy storage data (50), and

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thereafter, order the handling unit to store the set of data (52), such that the storage medium handling unit places the set of data in the identified available space.

10. Device according to claim 9, further comprising a data medium drive unit (14) for reading and writing data on an associated storage medium.

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11. Computer program product (58; A) to be used on a computer for recording a set of data (52) having certain storage requirements on a storage medium (26) using a general storage medium handling scheme (OS) and comprising a computer program code for making the computer execute, when said code is loaded into the computer, the following jobs:

obtain information about the free available storage area of the storage medium from the general storage medium handling scheme,

identify at least one available space of the storage medium that corresponds to requirements for the set of data,

- 5           order the storage medium handling scheme to reserve an area, if the handling scheme is arranged to write data in at least one other space before the identified available space, which area corresponds to said other space for dummy storage data (50), and

thereafter, order the storage medium handling scheme to store the set of data, such that the scheme places the set of data in the identified available space.